

11/05/04

11-10-2004

REC

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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

MacDONALD, RODERICK WILLIAM

Execution Date(s) 02 November 2004

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: TROPIC NETWORKS INC.

Internal Address:

Street Address: 135 Michael Cowpland Drive

City: Kanata

State: Ontario

Country: CANADA Zip: K2M 2E9

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: VICTORIA DONNELLY

Internal Address: TROPIC NETWORKS INC.

INTELLECTUAL PROPERTY

Street Address: 135 Michael Cowpland Drive,

City: Kanata

State: Ontario Zip: K2M 2E9

Phone Number: (613) 270-6026

Fax Number: (613) 270-9663

Email Address: Victoria.Donnelly@tropicnetworks.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 501832

Authorized User Name _____

9. Signature:

11/09/2004 REGISTRATION 00000245 501832 10981591

Signature

02 November 2004

Date

01 FC: 021

40.00 DA

Victoria Donnelly

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, I, **RODERICK WILLIAM MacDONALD**, whose post office address is beneath my name as set out below, have invented certain new and useful improvements in

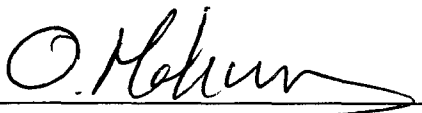
**A METHOD AND SYSTEM FOR NETWORK WIDE FAULT ISOLATION IN AN
OPTICAL NETWORK**

for which an application for a patent for such invention is executed concurrently herewith in the UNITED STATES OF AMERICA,

AND WHEREAS, TROPIC NETWORKS INC., herein referred to as "Assignee", whose full postal office address is 135 Michael Cowpland Drive, Kanata, Ontario, Canada, K2M 2E9, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, for value received and other good and valuable consideration, I, the said **RODERICK WILLIAM MacDONALD**, by these presents, do sell, assign and transfer unto the said Assignee the full and exclusive right to the said invention in the United States and all other countries, and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States and all other countries. I hereby authorize and request the Commissioner of Patents to issue said United States Patent to the said Assignee, the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns and legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

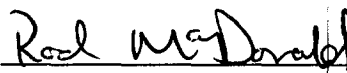
EXECUTED at Ottawa, Ontario, Canada this 2nd day of November 2004.



Witness

Omayma Moharram

(Witness to print name)



Roderick William MacDonald

72 Helmsdale Drive

Kanata, Ontario, Canada K2K 2S5